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	M PTO- IFIED	1390 U.S. DEPARTMENT O	F COMMERCE PATENT AND TRADEMARK OFFI	3030-031						
10000000000000000000000000000000000000	•	DESIGNATED/ELEC CONCERNING A FIL	R TO THE UNITED STATES TED OFFICE (DO/EO/US) ING UNDER 35 U.S.C. 371	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)						
-SANTE		TONAL APPLICATION NO. CT/US2005/010833	INTERNATIONAL FILING DATE 30 March 2005	PRIORITY DATE CLAIMED 30 March 2004						
		INVENTION HMENT FOR A TELESCOPI	C MATERIAL HANDLER FOR MANIPU	JLATING A LOAD WITH FIVE DEGREES OF FREEDOM						
APPLICANT(S) FOR DO/EO/US SMITH et al.										
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:										
1.	\boxtimes	This is a FIRST submission	of items concerning a submission under	35 U.S.C. 371.						
2.		This is a SECOND or SUBS	EQUENT submission of items concerning	ng a submission under 35 U.S.C. 371.						
3.	☒	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.								
4.	\boxtimes	The U.S. has been elected (Article 31).								
5.	A co	copy of the International Application as filed (35 U.S.C. 371(c)(2).								
	a.	is attached hereto (17	pages specification, claims & abstract (2	23 claims), 15 sheets drawings, front page of						
		WO 2005/096743 A2 (1 page)).								
	b.	has been communicated by the International Bureau.								
	C.	is not required, as the application was filed in the United States Receiving Office (RO/US).								
6.		An English language transla	tion of the International Application as fil	led (35 U.S.C. 371(c)(3))						
	a. Cert	is attached hereto (pages specification, claims & abstract (claims), sheets drawings, page rtificate of Translation).								
	b.	has been previously su	bmitted under 35 U.S.C. 154(d)(4).							
7.	\boxtimes	Amendments to the claims of	f the International Application under PC	T Article 19 (35 U.S.C. 371(c)(3)						
	a.	are attached hereto (re	quired only if not communicated by the	International Bureau).						
	b.	have been communica	ted by the International Bureau.							
	c.	have not been made; h	owever, the time limit for making such a	mendments has NOT expired.						
	d.	★ have not been made and will not be made. ★ have not been made and will not be made. ★ have not been made and will not be made. ★ have not been made and will not be made. ★ have not been made and will not be made. ★ have not been made and will not be made. ★ have not been made and will not be made. ★ have not been made and will not be made. ★ have not been made and will not be made. ★ have not been made and will not be made. ★ have not been made and will not be made. ★ have not been made and will not be made. ★ have not been made and will not be made. ★ have not been made and will not be made. ★ have not been made and will not be made. ★ have not been made and will not be made. ★ have not been made and will not be made. ★ have not been made and will not be made. ★ have not been made and will not be made and will not be made. ★ have not been made and will not be made and will n								
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3).								
9.	a.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4).								
	b. PCT	Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (2 page Form CT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).								
10. U.S	C. 371(c)(5).									
			document(s) or information included:							
11.		An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.								
12.		An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.								
13.	a. b.	☑ A FIRST preliminary amendment.☐ A SECOND or SUBSEQUENT preliminary amendment.								
14.	IJ. □									
15.		A substitute specification.								
16.		A change of power of attorney and/or address letter.								
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.								
18.		A second copy of the published international application under 35 U.S.C. 154(d)(4).								
19.										
20.] [A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). Other items or information.								

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U.S. APPLICATION OF ROOM, Let S.C.F.R. 1.5)					IN ⁻	INTERNATIONAL APPLICATION NO. PCT/US2005/010833			ATTO	ATTORNEY'S DOCKET NUMBER 3638-891				
. 🗴	The follo	wing fee	s are su	bmitted:										
					92(a)(1)-(5):									
21. 🛛	Basic r	national fe	эе				\$30	0.00 ((1631)/\$150.00	(2631)	\$	300.00		
22. 🛛										200.00				
00 57											H	200.00		
23. 🛛									\$0 (1640					
\$100 (1641)/\$50 (2641)														
\$400 (1642)/\$200 (2642)									400.00					
										100.00				
TOTAL OF ABOVE CALCULATIONS								\$	600.00					
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								e listing or sheets of						
Total S	Sheets	Extra S	Sheets		of each additi thereof (round				RATE					
33	-100	0	/50 =	0.00				\$0.0	0 (1681)		\$	• • •		
	:							\$0.0	0 (2681)					
Surchare from the	ge of \$13 earliest	0.00 (16	17)/ \$65 . priority o	.00 (2617 late (37 C) for furnishir C.F.R. 1.492(ng t e).	he oath or de	clarati	on later than	30 months	\$		Eu	
	AIMS		UMBÉR		# EXTRA				RATE		۲			
Total Cla	aims	23		inus 20 =	3 X	\$50.00 (1615)/ \$25.00 (2615)			\$	150.00				
	dent Clai			nus 3 =	0 X	\$2	200.00 (1614)		\$100.00 (261	4)	\$			·
									6)/\$180.00 (26		\$	0.00		
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253/\$510.00 (2253); Four Month Extensions \$1590.00 (1254/\$795.00 (2254)							\$	0.00						
				tatus Se	ee 37 CFR 1.	27					P	0.00		
Processi	ing fee o	\$130.00	(1618)	, for furnis		glisl	h Translation I	ater t	han	30		0.00		
									TOTAL NATIO	ONAL FEE =	\$	750.00	-	
an appro	opriate co	ver shee	t (37 C.	F.R. 3.28	, 3.31). \$40.	.00	(8021) per pro	perty			\$	0.00		
Fee for F	etition to	Revive	Uninten	tionally A	bandoned A	ppli	cation;\$1500.	00 (14	453) / \$750.00 (2453)	\$	0.00		
								TOT	TAL FEES EN	CLOSED =	\$	750.00		
	-										An	nount to be:	\$	
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U.S. A	pplicat	ion No	.To Be .	Assigned	d; Atty Do	ckı	et N o.3638-	891			Ct	arged:	\$	
 a. A check in the amount of \$750.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. 14-1140 in the amount of \$ to cover the above fees. A duplicate copy of this form is enclosed. 														

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c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any									
overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.									
1. 🔯 CREDIT CARD PAYMENT FORM ATTACHED.									
e. 🔯 The entire content of International Application No. PCT/US2005/010833 and any U.S. and foreign application(s) corresponding									
thereto, and U.S. Provisional Patent Application Senal No. 60/557,418, referred to in this application is/are hereby incorporated by									
reference in this application.									
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a)									
or (b) must be filed and granted to restore the application to pending status.									
CORRESPONDENCE ADDRESS									
Direct all correspondence to:									
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AMK:jls	NAM	ME							
	36,4	,178 August 29, 2006							